

THE LOGGER'S BARK

1916 - RADIO CLUB OF TACOMA - 2016

JULY, 2017 VOLUME 14, ISSUE 08 © 2017 RADIO CLUB OF TACOMA

Club Picnic & Centennial Time Capsules

What a perfect day for the Radio Club of Tacoma's "**Centennial Picnic**" at Fort Steilacoom Park in Lakewood, right across from where we held the Centennial Field Day event. We actually had a very good turnout (at the peak we had 45 attendees, including some recent club General Meeting visitors). Although it was a tad chilly at times, and a little overcast on the eve of the "Great American 2017 Eclipse", conditions were pleasant and Shelter #1 treated us very well.

Paul, W7PFU was in his element at the new BBQ treating us to gourmet burgers and hotdogs as always, with all the stuff that goes along with that, provided in style. We also had a huge assortment of pasta salads, potato salads, wonderful little rolled up club sandwiches, and a nice array of desserts. Too much temptation but what the heck – it's a picnic! The bees had a great picnic as well – but a stash of "sacrificial foods" left on one of the garbage cans outside the shelter kept a great many of them occupied and not dive-bombing our plates.

Phil, K7PIA brought along his Elecraft KX2 QRP transceiver, allowing guest operators on 40m SSB as well as 20m CW. What an amazing little radio! David, W7HTJ brought along his MFJ tripod-portable vertical antenna with four radials that was put to use with the KX2. Between the two of them, with tuning help from Bruce WE7P and W7HTJ, settings were determined for low SWR operation for a 40m net as well as trying to break into the NL6/AA7CH "Islands on the Air" activation of Kayak Island, Alaska. I don't know if Phil ever made it through the pileup at QRP levels, but his efforts were certainly solid working split operation on 20m CW.

Thanks to all who were able to attend and for all the helpers along the way, assisting in hauling supplies into and out of the shelter. And as a bonus, we were serenaded by the "Concerts in the Park" brass band a few hundred yards away that started playing at 2 PM. It was a very nice picnic indeed.

The W7DK Centennial Time Capsules are planned to be sealed and stored soon – two of them! A "short term" capsule to be opened in 25 years (timeframe chosen so that it's possible that a number of current members will be around to see it be opened), and a capsule slated for 100 years, which of course no current member will ever see again. Adam Barberra, W2NCC, took on this project on last Winter and has done a terrific job converting a former 2m antenna duplexer into the 25-year capsule complete with custom welding and labeling, as well as a water-proof fire safe for the 100 year capsule version.

THE PRESIDENT'S CORNER



DAVE W7UUU



Adam, W2NCC

According to Adam, "a time capsule is a gathering container of items preserved in such a way that they become a mode of communication with people from the future. The main significance of time capsules is the preservation of history and personal experiences. We are sending 'dots and dashes' to the future hams in a physical way instead of over the air. The club now has 2 time capsules, a 25 year and 100 year version.

There are a number of advantages to having a 25 year time capsule module. It's an opportunity for 'tribal knowledge' to be shared with the youngest and newest members here in the present, when the capsule sealed. There are a number of members that will be here in 25 years and it would be fun to have some of them at the 25 year opening. They could help explain the mindset of the club 25 years prior.

We hope a 25 year tradition will begin with the time capsule sealing and be maintained by club members going forward long into the future, opening it once every quarter century and continuing the tradition forward.



Items for the time capsules include stories about personal experiences, experiments or observations about Ham radio, radio gear you're using now, etc. Remember that future club historians will want to know details about your ham radio experiences and what our hobby and club were like in our Centennial, 2016-2017. We'll be collecting items beginning immediately – QSL cards, notes, remembrances. Archival paper (intended to survive the journey) is available for writing/printing out stores and descriptions. Just ping Adam W2NCC or Dave W7UUU to find out how to get the paper. QSL cards for both containers are perfectly acceptable. Just no "hardware" – keys, radios, plastics, etc. – anything that can decay over the years and destroy the more delicate materials"

Thanks to Adam for putting this effort in motion and doing all that work. Great job. Please bring any materials you may want to include to the September and October general meetings. Both capsules will be sealed and installed prior to the last day of our Centennial, October 15, 2017.

Lastly, please make note: **the October General Meeting will NOT be held at the usual location.** Due to a scheduling conflict we cannot use the library building. This is a very important meeting – floor nominations for the November officer elections. The October Meeting will be at the Eagles Club, Aerie #3, 48th and South Tacoma Way from 6:30 to 8:30 PM, all inclusive. It's a very nice place with a large meeting room, and very important that we have a good turnout for our nominations. The program and general meeting content will be curtailed a bit to fit the shorter time frame. I look forward to seeing you all there.

73
Dave
W7UUU

Picnic Photos by Prez Dave W7UUU



Above- Burger Meister Paul w7PFU pushes his famous Double Cheezy Burgers with extra cheese.

Below- Mike W7MKE and unknown (to me) YL having a good time.



PJ N7PXY and Dave W7HTJ in the Antenna Field discussing- what else? Antennas. Dave professes that the Iron Curtain was vertically polarized. PJ argues that it was circular.



K7PIA, Phil's Portable Station with KX2, CW and SSB. Antenna experts standing in the near radiation field next to Dave's MFJ Super Vertical Antenna.



LOGGER'S BARK EDITOR'S REPORT

BY RICH KR7W



THIS MONTH'S CONTENTS

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Formally LOST but now FOUND
Field Day 2017 photo files from
KR7W's camera.

Left: Bruce WE7P at the 20M
Digital Station using a movers
blanket to eliminate RF Interfer-
ence from the intrusive 20M CW
Station– down the field 300 feet
away.

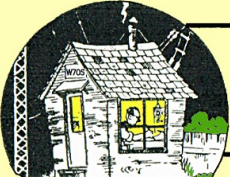
At first it seemed that the blan-
ket worked... but not as well as
everyone would have liked.

Tim K7TMW observes the digital
and unwanted CW signals.

Right: Here's Leroy N7EIE at the
20M CW station– who was having
a hard time copying Morse due to
the 20M SSB station interfering.

Leroy is a member of the Olympia
ARC and lives in Yelm. Field Mar-
shall Adam W2NCC invited Leroy–
a good CW operator– and I'm
grateful for his contribution.





HAMSHACK OF THE MONTH

BY CONTRIBUTING MEMBERS

Some kind of ham station has to go here... Right?

The Bark staff has been patiently waiting for club member Bud K7BUD to send us an image of his impressive Heathkit SS-9000 station– complete with all possible options; but alas, we are still waiting.

This image will substitute and fill up the white space.



W7DK Field Day 2017. 40 Meter SSB / CW Station. Here Chuck AC7QN operates the IC-756 Pro 3 radio to make contact with SSB stations and Mike W7MKE provides logging support.

**The PMT Summer Sale continues...**

Team Leader RED sends in this updated list of available inventory. RED WB7EC and other PMTers will be at the Clubhouse each Saturday to assist interested buyers.

2017 RCT SUMMER SWAP MEET SELL LIST

#	Item	Listed Price
1	National NC-270 Receiver	75
2	MFJ949 Antenna Tuner	70
SOLD	Kenwood TM-331A 220Mhz XCVR	SOLD
4	Dentron Antenna Super Tuner	75
SOLD	Antenna Tuner MFJ 993BRT	SOLD
7	Yaesu RF-1015 HF Receiver	100
9	VHF Beam Cushcraft A148-10F	50
SOLD	Auto Antenna tuner icom AT-120	SOLD
11	Heathkit HF Receiver SB-310	100
12	Power Supply- Astron RS-12A	25
13	Power Supply- Astron RS-7A	15
14	Power Supply- Astron RS-12A	25
16	HF Transmitter- B&W 5100B	200
17	Side Band Generator part of item 16	0
18	AM Transmitter Globe Model 300	100
SOLD	HF Vertical Antenna Comet CHA-250BX	SOLD
22	Rotor Controller CDE HAM 44	100
23	HF Beam Antenna KLM/M2 Triband	1000
24	Rotator Yaesu G450XL w/ cable	250
SOLD	MFJ Versa Tuner4 3KW	SOLD
26	Antenna Tuner- Drake MN2000	200
SOLD	Speaker- National NC-98	SOLD
28	UHF Transceiver Icom IC-F410	200
29	DSP Timewave DSP-599ZX	35
30	Morse Tutor MFJ-414	75
31	Power Supply- 12V- Heathkit HP-1175	29
32	Mili-Ammeter Simpson 17021	10
SOLD	Balun - Homebrew	SOLD
SOLD	Mobile Mount- Yaesu FT-897	SOLD
SOLD	Coax Switch- Heathkit	SOLD
36	Volt Ohmmeter Military ME-9G/U	5
SOLD	Mobile ANT- HF- Webster Band Span	SOLD
SOLD	2 Meter Beam- 4 element	SOLD

AMERICAN RADIO RELAY LEAGUE											
RADIOGRAM											
CITY OF ORIGIN	STATION	NUMBER									
Tacoma, WA	W7OS	999T									
TO:- RCT Members- Heathkit Day at the Museum July 29, 2017											
<p>In the middle Prez Dave's K1T Heathkit Special Event Station period... the W7OS Museum arranged a Heathkit to Heathkit QSO on July 29. The goal was for the Museum to use it's complete Heathkit Station to have a Morse Code QSO with K1T's Heathkit station.</p>											
	<p>Rich KR7W uses W7OS's Heathkit AR-3 receiver with Q Multiplier along with an AT-1 Transmitter and WM-2 SWR Meter to make contact with Dave W7UUU at his K1T special event station.</p> <p>The station was operating Novice Style or 'split'- where the transmitters were on different frequencies in the 40 meter CW band.</p> <p>Onlookers were entertained.</p>										
<p>For W7OS's Heathkit Day-avid DIYer Club Member Jack K7DBU brought in his complete DX-60 station with VFO and a matching receiver.</p> <p>Here Bob K7MXE makes a Morse Code contact with K1T aka Prez Dave W7UUU - on 80 Meters.</p>											
<table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">REC'D AT STATION</td> <td style="width: 33%;">PHONE</td> <td style="width: 33%;">TIME</td> </tr> <tr> <td>W7DK</td> <td>GR4-1232</td> <td>1900</td> </tr> <tr> <td colspan="2">ADDRESS 1248 S Washington St, Tacoma, Wash</td> <td>DATE 5/1/55</td> </tr> </table>			REC'D AT STATION	PHONE	TIME	W7DK	GR4-1232	1900	ADDRESS 1248 S Washington St, Tacoma, Wash		DATE 5/1/55
REC'D AT STATION	PHONE	TIME									
W7DK	GR4-1232	1900									
ADDRESS 1248 S Washington St, Tacoma, Wash		DATE 5/1/55									
<i>This Message was transmitted free of charge by Amateur Radio Stations of the American Radio Relay League. Answer will be sent free by filing at this station.</i>											
<div style="display: flex; justify-content: space-between;"> FORM 4 PRINTED IN U.S.A. </div>											

Dateline: July 26, 2017, RCT Clubhouse...

The 4th Wednesday Activity Club Meeting subject matter was all about Single Side Band presented by Randy WB4SPB. At the same time... Adam W2NCC introduced a station accessory piece of equipment that he borrowed from the MFJ company. It's the MFJ-618 Dual Channel Speech Intelligence Enhancer. This device has a stereo (dual channels) 4 band audio equal-



izer and is placed between the radio and the speaker or headphones. The equalizer controls are adjusted to custom tailor the receiver audio to match the operators hearing ability. Most men suffer from high frequency hearing loss- this device can be adjusted to compensate the loss. This product is still at the Clubhouse and is available for Demo. Hats off to Adam for arranging with MFJ for the loan and to the MFJ Corp for the generous loan.



MFJ-618 connected to Lou Room FT-950. Check it out at your next Clubhouse visit.

Dateline: August 23, 2017, RCT Clubhouse...

The 4th Wednesday Activity Nite consisted of Show N Tell. Three members showed off and discussed their projects. PJ N7PXY spoke of his NitPic Digital Signal Processing development board; Bruce WE7P showed attending members the new Rotator and Control Box that will replace the broken rotator on the W7DK tower, and Rich KR7W demonstrated the acoustical CW speaker that was featured in a recent QST magazine.

Mike W7MWF lead a group discussion with the crowd to determine if members would like to participate in a DIY ham radio project building series of meeting. If so... then what should we build? How much time should be spent? And how much should it cost? Mike took notes. Also Mike revealed an upcoming 4th Weds Activity Night project- A bag of electronic parts and an experimenters bread-board. Stay tuned to 14.313 Mhz for future developments in this area.

**DID YOU KNOW?**

In 1920 there were 5700 licensed amateurs. In 1922 there were 14,000 licensed hams.

In 2016 there were 750K+ licensed hams in the USA.



Op-Ed

2017 Salmon Run Radio Sport Event at W7DK

by Alan N7OMS

The Radio Club of Tacoma has been around for over one hundred years. During this time we have been a strong force for amateur radio. I like to think of W7DK as the west coast version of W1AW. Over this time frame hundreds if not thousands have been member's. We may not see you during meetings or operating events but just by being a dues paying member you are helping forward amateur radio. In my eyes that is no little thing. Amateur radio can give a person a doorway into so many adventures.

One of those doorways in amateur radio is contesting. The Radio Clubs call sign W7DK has been seen in many contest logs over the years and hopefully for many years to come. While we are not a contesting club like you may have seen in the pages of QST or NCJ (National Contest Journal) we do try to forward the skills of our members so they can enter and compete in any of the many ham radio contests that take place yearly.

Contesting is a worthy part of ham radio. It trains us to give and take information in a speedy and correct fashion. This is of critical use during disaster work and I think it also helps us in our everyday lives. Working a busy band and training your brain to pick out that call sign is like having a natural notch filter that could easily work in other noisy environments. Like that ham fest when your friend is trying to tell you about a great find that they think you would like.

In recent past there has been one contest that our club has been very active in. We have even won in our category. That is the **Washington State QSO** party or better known as **The Salmon Run**. In part because we have been using this event to get more of our members on the air and learn about contesting. The exchange is pretty simple. Just your call and county name. So for us that would be W7DK PIERCE. We submit our log to the Western Washington DX Club as they are the sponsor for Salmon Run. Computer's have made log checking much easier for those that host contests. Checking logs can be a very tedious task but necessary to verify the accuracy of the contacts. My thanks goes out to the Western Washington DX club members.

The Salmon Run has provided me with many opportunities to enhance my communication skills and to have some good times with other club members. Have even gone out into others Washington counties that may not have as many hams as Pierce or King. Getting to be a "rare one" can really be a hoot. I encourage all of you to check out the [WWDX club's website](#) and learn more about Salmon Run.

Another reason for the club participation is because we have a fund raiser that works in conjunction with this contest. You should have or will soon receive a letter telling you how you can contribute to this very important event. The clubs income sources have changed over the years and this event has become a major fund raiser for the club. So please consider pledging a tax deductible donation to this years Salmon Run fund raiser. I hope that you can participate in the club's Salmon Run Event by showing up at the clubhouse to operate the radios or cheer others operators on or by making a donation.

73, Alan N7OMS



The Salmon Run
is
Sept 16 + 17
at
RCT Clubhouse



CLUB MEETING TRAFFIC

PROVIDED BY: MIKE W7MWF, CLUB SECRETARY

Radio Club of Tacoma Board of Directors Meeting Minutes July 5, 2017

Meeting called to order at 1855 PDt by President Dave W7UUU.

Officers and Directors Present

President	Dave Ellison W7UUU
Vice President	Mike Mikuchonis W7XTZ
Secretary	Mike Finnie W7MWF
Treasurer	Steve Dightman AF7YD
Board	Phil Pia K7PIA
Board	Red Cranefield WB7EC
Board	Bruce Hanson WE7P
Board	Bob Jamison KE7WPK
Board	Paul Matney W7PFU

Quorum A quorum was present. 13 members signed the attendance roster, a copy of which is filed with these minutes

Silent Key or Illness None reported

Approval of Minutes The minutes of the June 7, 2017 Board Meeting were approved.

Secretary's Report Mike W7MWF reported receipt of the usual Correspondence; bank statements, utility bills, periodicals. Also received Honey Bucket Bill (\$390) and Property Tax Notice of Valuation.

Treasurer's Report Steve AF7YD reported all bills associated with Field Day have been received and he will provide a detailed report at the General Meeting on July 12. All other bills and expenses are currently paid.

Committee / Reports

Membership Mike W7MKE reports that membership stands at over 290, with quite a few promotional memberships and several long-lapsed renewals coming in.

Training No Technician training until October
Next VE Session July 11

Info Tech Randy WB4SPB reports that all club IT equipment is operating within normal parameters. Equipment borrowed from members for use in the mesh net has been returned. The Board expressed its gratitude and congratulations to Randy for the operation of the logging protocols and operations at Field Day.

HF Operations Phil K7PIA and Bruce WE7P provided an update on the rotor replacement issue. The original order with Hi-Gain is backordered indefinitely, so Bruce cancelled the order and requested authorization to submit an upgraded order to Green Heron with a cost increase of approximately \$200. It was moved and seconded to provide additional funds for the purchase with the new total amount allotted of \$1200.

Repeater Ops Tim K7TMF provided a report on the Tuesday Night 2-meter Net that the controller upgrade has now been installed on the 147.280 MHz machine, but is still being de-bugged. The upgrade to the IRLP system has not yet been completed.

Facilities Mgmt Bruce WE7P reported that there are no outstanding facility issues.

Property Mgmt The Board approved 24 items as surplus for appropriate disposition by the Property Management Team. A copy of the list is filed with these minutes. It was also noted that we have several pending potential donations that are being evaluated.

Museum Randy WB7SPB reported that work is ongoing on the Eldico restoration. Latest progress is that oscillator has been tested and is working

Weds Activity Night Program to be determined

General Meeting Dave W7UUU has been meeting with the Tacoma School District regarding their plan to implement UHF/VHF amateur equipment into each school in the district, as well as some HF rigs. Dave will give us an overview of the plan as it now stands.

Unfinished Business

Dave W7UUU reported having mailed out several thank-you notes to non-members who have performed services for the Club. Several other people were also suggested for recognition. Dave will follow-up.

New Business

Property Tax Exemption Steve AF7YD reported that he has been researching the possibility of gaining an exemption for the Club's Property Tax obligation. He will continue to evaluate and will work with Dave W7UUU and others to initiate the process.

It was suggested by a member to equip clubhouse with AED (Automated External Defibrillator). No action was taken and the matter was tabled.

The status of the Club telephone system and equipment was discussed and it was determined that our equipment is substandard. Authorization was granted to purchase new base stations and handsets, and to install them in visible and accessible locations on both floors of the building. Dave W7UUU will acquire and install the new equipment, with an estimated cost to be less than \$50.

Status of electric service panels and subpanels was discussed. Effort will be made to clear out the clutter that accumulates in front of the main panel in the repeater closet, and to further monitor and evaluate condition of the electric service within the clubhouse.

Activity Reports and Discussion Topics

Field Day Report Adam W2NCC reported on the 2017 Field Day. Many new things were tried and were generally successful. Although fewer contacts were made this year than last, it was still deemed to have been a good year, especially with the introduction of additional modes and bands being utilized. The food was great and the efforts by club members was spectacular. The Board expressed appreciation to Adam for his hard work coordinating the event.

The Annual Picnic will be held August 20 from noon until 5 pm at Ft Steilacoom Park Shelter 3. Setup and cleanup will be an hour before and after.

Announcements SalmonCon QRP Conference will be held July 7/8

Adjournment The meeting was adjourned at 2005 PDT

**Radio Club of Tacoma
General Membership Meeting Minutes
July 12, 2017**

Meeting called to order at 1930 PDT by President Dave at the Pierce County Library Administration Building.

Officers and Directors Present

President	Dave Ellison W7UUU
Vice President	Mike Mikuchonis W7XTZ
Secretary	Mike Finnie W7MWF
Treasurer	Steve Dightman AF7YD
Board	Red Cranefield WB7EC
Board	Phil Pia K7PIA
Board	Paul Matney W7PFU

Pledge of Allegiance led by Vice President Mike W7XTZ

Welcome and Self-Introductions

Guests present were Terry NL7BI and Rick KI7OWV (new ham)
New Calls Dale received call sign KI7OMN
Self-introductions were completed. 37 folks signed the attendance roster.

Health and Welfare

Silent Keys It was announced that a possible former member James Churchward had become a SK.

Secretary's Report Mike W7MWF reported receipt of the usual stuff: periodicals, utility bills. Property Valuation, Honey Buckets.

Treasurer's Report Steve AF7YD reported that donations (pig and on-site) covered all but \$30 of Field Day expenses

Committee / Activity Reports

Membership Mike W7MKE reports 293 active members and 4 new members

Training No Tech classes July/August/September. Next Tech class will be held October 7/8

VE Report John AC7WW gave the VE report which is filed with these minutes. The next VE Session will be held August 8, 2017

HF Operations Phil K7PIA provided an update on broken rotor solution. A new rotor and controller has been ordered and hopefully will be shipped soon.

Repeater Ops Tim K7TMF provided a report on the July 4 Tuesday Night 2-meter Net that the controller upgrade has now been installed on the 147.280 MHz machine, but is still being de-bugged. The upgrade to the IRLP system has not yet been completed

IT Report Mike W7MWF reported on behalf of Randy WB4SPB that all equipment was operating within normal and expected parameters.

Museum The Eldico transmitter is still undergoing major surgery and rehabilitation.

Facilities Mgmt No maintenance issues were presented.

Prop Mgmt Red WB7EC presented the new list of items to be offered for sale.

4th Weds Activity Night - Topic to be announced prior to event

New Business

Program Dave W7UUU has been meeting with the Tacoma School District regarding their plan to implement UHF/VHF amateur equipment into each school in the district, as well as some HF rigs. Dave gave us an overview of the plan as it now stands, which in essence is that it is floating in a political and bureaucratic quagmire.

Unfinished Business and Announcements

W2NCC – Field day report by Adam W2NCC

W7UUU - Annual Picnic will be held Sunday, August 20 from noon until 5 at Ft Steilacoom Park Shelter #3.

W7UUU – Special Event 75th anniversary of Heathkit will be operating as call sign K1T by Dave.

W2NCC – Adam reported that he has negotiated for the club to be provided with demo equipment by MFJ.

Show and Tell

Tuning and Traffic

Door Prize The door prize was won by our new ham Rick KI7OWV.

Raffle Prize The raffle prize was won by Leonard KA7NWF

Adjournment at 2035 PDT

Submitted by Mike W7MWF Secretary.

Upgrade to Extra Class...

An Extra Class License theory course, intended to prepare students for the FCC Extra Class exam, will be offered at the Radio Club of Tacoma clubhouse commencing on Monday, September 18, 2017.

The course will consist of **twelve weekly sessions** running from 7 pm to 9 pm on Mondays. The final session, on December 4, will be used to conduct an FCC Extra Class License examination. Instructors will be RCT members David B. Brooks, N7HT and Galen Sutton, KA7UQH.

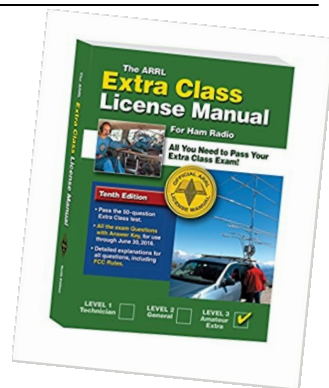
Books and materials required for this course:

- The **ARRL Extra Class License Manual 11th Edition** (\$29.95)
- The ARRL **FCC Rules and Regulations Manual Third Edition** (\$7.95)
- Misc class materials, e.g. quizzes (\$5)

Please arrange to acquire the ARRL publications in advance of the class. These are available from the [ARRL store](http://www.arrl.org) and from many online sources of ham radio products and publications.

A minimum of six students will be required to justify the offering; the enrollment will be limited to eighteen students.

For more information or to register, please contact Dave Brooks, N7HT at dbbrooks@hotmail.com or call 253-363-1692.





HINTS AND KINKS

CONSTRUCTION & INSTRUCTION
BY READER SUBMISSION



HAM RADIO CONSUMABLES... Popular products used in our hobby

Here's a quick glance at most of the products I use in my workshop for radio repair and new projects. Amazon, Lowes, Home Depot, McClendons sells it all.



The best Electrical Tape on the planet and worth every cent– very easy to do business with. \$4 at Home Depot.

Wire Ties– A MacGuyver like product for wire management under your ham-shack table.



Hot melt Glue Sticks– water proof your antenna parts.



5 Min Epoxy– for broken plastic parts, bunny hunt antennas, where structural integrity is crucial.

Super Glue– quick repairs. I've had this container for 5 years and hasn't clogged yet.



WD-40 for scratchy volume controls. Works better than any other product.

Tri-Flow for control shafts and variable capacitors.



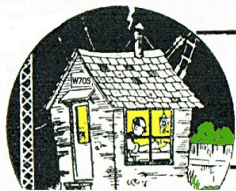
Heat Shrink Tubing– used mostly for wire splices– like DC power cables. Hot melt glue can be applied first, let cool, then heat shrink the tubing over it for good water proofing.



E6000– An amazing glue that dries clear. I've glued LEDs on radio chassis for illumination with this stuff. Looks like Shoe-Goo and smells like airplane glue of the 50s+60s. Great Stuff.



DeOxit D5 is a corrosion reducer that works well in rotary switches. When I worked in Commercial Radio– this stuff was called “Technician in a Can”. ‘Spensive but worth it if used sparingly.

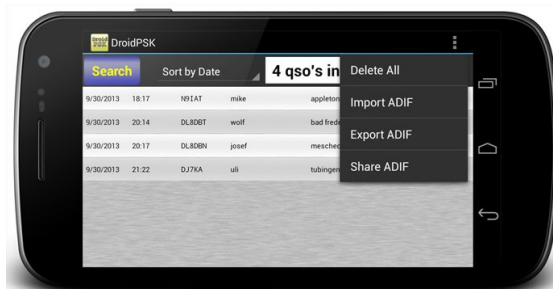
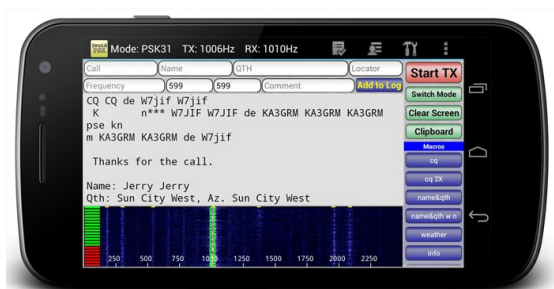


TNT

THE NEW THING

WHAT'S NEW AND
NOTABLE IN HAM RADIO?
CONTRIBUTIONS BY READERS LIKE YOU

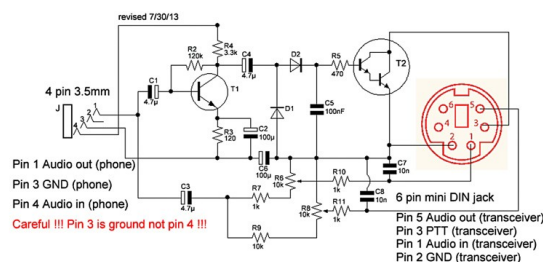
Intro: In last months TNT column... a digital interface gizmo was showcased for the picnic-table radio users who choose not to use Elecraft radios with built in PSK/RTTY coder/decoders. This gizmo was the DIGI PSK Modem [see **July 2017 Bark** CLICK-page 15 for info]. The DIGI PSK Modem was capable of connecting to Yeasu FT-817, 857, 897, 991; Icom 703, 706, and other radios with some interface cable creative hacking.



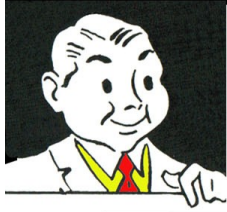
Droid PSK on an El-Cheap-O Android device. L photo shows the desktop. R photo shows the logging screen– which can be exported to your regular stations QSO Logger.

Instead of spending \$150 to \$250 for the Chinese made DIGI PSK Modem box... how 'bout spending \$10 at the Google Play Store for **DroidPSK** and **DroidRTTY** - and installing on your already existing Android phone or tablet? OK, let's do it. Now, how does it connect to my classic FT-817 or IC-703? Looky here: A Product Review: <http://www.eham.net/reviews/detail/11866>

Are you wondering how the Android device connects to your classic radio? Enter the **Wolphi-Link Interface** [Ed note: designed and made in America for you MAGA hams] that becomes the electrical interloper that ties the whole digital station together. The interface costs \$40 plus \$8 each for the two connecting cables. Check it out **HERE**. Looky here: A great HOW-TO do it Youtube Vid here: <https://www.youtube.com/watch?v=89j66bclx1w>.



The Wolphi interface is pretty small– about 3 inches wide. Wolphi provides the schematic in their nicely written user manual– if you'd like to build your own. How works it? The audio stream from Android is rectified by D1 and D2 to create a DC voltage that operates transistor T2– which operates your radios PTT. Sorta VOX like. Next month this column will show how to adapt the Wolphi to your Elecraft Radio.



THE LOGGER'S BARK PHOTO PAGE

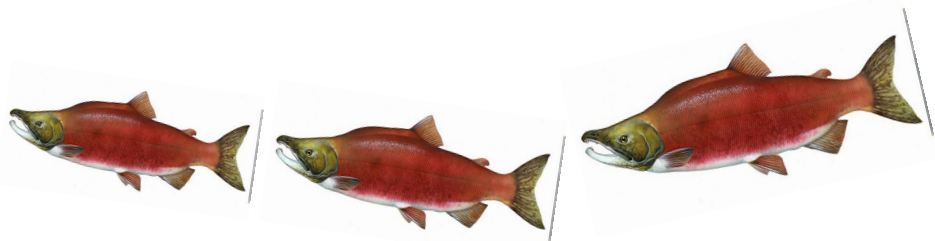


Here's a little Non-Ham Radio artistic liberty taken by your almost end of tenure Bark Editor.



This is Golden Lakes on the west side of Mt Rainier National Park along the route of the Wonderland Trail. Submitted by club member Pat WT7N- from a recent backpacking outing. The area on the hill at the top of the image is Sunset Park- a very scenic sub alpine walk in the woods. There is a ranger patrol cabin in the trees at lake level that can be seen in the reflection on the water- - if you squint just right.

The Salmon Run
is
Sept 16 + 17
at
RCT Clubhouse

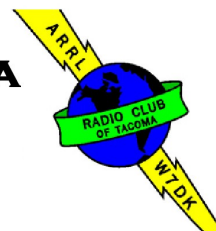




RADIO CLUB OF TACOMA

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100 YEARS OF SERVICE



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RADIO CLUB REPEATERS

Central Tacoma: 147.280 + PL=103.5
Crawford Mountain 147.380 + PL=103.5 (E of Olympia @ 1500 ft ASL)
Central Tacoma: 440.625 + PL=103.5
North Tacoma: 145.21 - PL=141.3

www.w7dk.org [LINK] - For the latest and most current information on events and activities, visit the Radio Club of Tacoma Website.
